

Certificate of Analysis

BEZ235 - NVP-BEZ235

Cat. No: CD0195

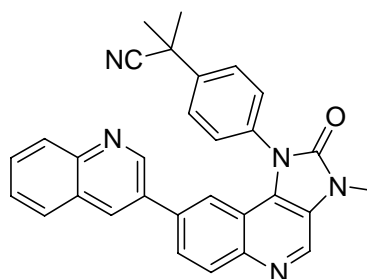
Batch No: 1

4-[2,3-Dihydro-3-methyl-2-oxo-8-(3-quinoliny)-1H-imidazo[4,5-c]quinolin-1-yl]- α,α -dimethylbenzeneacetonitrile

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₃₀ H ₂₃ N ₅ O
Molecular Weight:	469.5
CAS No:	915019-65-7
Physical Appearance:	White solid
Solubility:	DMSO (2 mg/mL)

NOTE: In case more concentrated solution is desired, BEZ 235 Hydrochloride (soluble up to 20 mg/mL) should be used (CD0196). Alternatively the free base sample of 25mg (CD0195) can be converted into the hydrochloride *in situ* by suspending the sample in at least 1 mL of DMSO followed by addition of 50 uL of the stock solution of HCL in DMSO and few minutes of sonication. (Stock solution of HCL in DMSO: mix DMSO 500 uL + concentrated HCL (34-37%) 50 uL.)



Structure:

ANALYTICAL DATA:

¹H NMR:	Consistent with structure
Mass Spectrum:	Consistent with structure
LCMS:	99% pure

Caution – Not fully tested. For research use only. Not for human use.